



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 7734

Bib Data Sheet

SERIAL NUMBER 10/630,992	FILING OR 371(c) DATE 07/30/2003 RULE	CLASS 707	GROUP ART UNIT 2166	ATTORNEY DOCKET NO. YOR920030160US1	
APPLICANTS Sheng Ma, Ossining, NY; Chang-shing Perng, Bedford Hills, NY; Haixun Wang, Tarrytown, NY; Philip Shi-Lung Yu, Chappaqua, NY;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 04/22/2004					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no		STATE OR COUNTRY NY	SHEETS DRAWING 10	TOTAL CLAIMS 21	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance					
Verified and Acknowledged		Examiner's Signature		Initials	
ADDRESS Ryan, Mason & Lewis, LLP 90 Forest Avenue Locust Valley, NY11560					
TITLE METHODS AND APPARATUS FOR CANDIDATE PATTERNS OF MULTI-ATTRIBUTE MINING TEMPLATES ARE RELATED BY ANTI-MONOTONICITY PROPERTY, AND DERIVED BY MERGE-JOINING PATTERNS OF NODES OF AT LEAST A PORTION OF THE TEMPLATES WITHOUT PRE-SORTING					
FILING FEE RECEIVED 898	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

28
3/24/07